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10/549,567	09/19/2005	Peter Mullejans	P70821US0	9658
136 77590 977/10/2008 JACOBSON HOLMAN PLLC 400 SEVENTH STREET N.W.			EXAMINER	
			HAND, MELANIE JO	
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			07/10/2008	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Application No. Applicant(s) 10/549 567 MULLEJANS ET AL Office Action Summary Examiner Art Unit MELANIE J. HAND 3761 -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS. WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b). Status 1) Responsive to communication(s) filed on 29 April 2008. 2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-18 is/are pending in the application. 4a) Of the above claim(s) 18 is/are withdrawn from consideration. 5) Claim(s) _____ is/are allowed. 6) Claim(s) 1-10.12-14 is/are rejected. 7) Claim(s) 11 and 15-17 is/are objected to. 8) Claim(s) _____ are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are; a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abevance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) 4) Interview Summary (PTO-413)

Notice of Draftsperson's Patent Drawing Review (PTO-948)

Imformation Disclosure Statement(s) (PTC/G5/08)
 Paper No(s)/Mail Date ______.

Paper No(s)/Mail Date.

6) Other:

Notice of Informal Patent Application

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DETAILED ACTION

Continued Examination Under 37 CFR 1.114

 A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on April 29, 2008 has been entered.

Response to Arguments

- Applicant's arguments filed April 29, 2008 have been fully considered but they are not persuasive.
- 3. With respect to arguments regarding independent claims 1, 7, 12 and 14: Applicant argues that Smith does not disclose that the outer receiving member/bag is reused while the inner liner is disposable and replaced after use. In response to applicant's argument that the references fail to show certain features of applicant's invention, it is noted that the features upon which applicant relies (i.e., a receiving member or bag that is reused) are not recited in the rejected claim(s). Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993). Applicant further argues that because Smith does not teach a reusable outer receiving member/bag by insertion of a new liner, there is no reason to have the inner liner in a folded condition prior to use. Since this argument relies upon a feature of the claimed invention that is not recited in the claims, the argument is not persuasive. Further,

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though applicant perceives no reason to have the inner bag liner folded as claimed, the inner bag liner of Smith is still fully capable of being compacted as claimed.

4. Applicant did not present arguments regarding the newly added limitations. However, examiner will address the limitations briefly to support the maintenance of the ground of rejection of these independent claims. The independent claims as amended recite a bottom portion of the receiving member or bag that is most distal to the second hole. Though the disclosure supports a bottom portion, the phrase "most distal" is unclear as it is unclear what the portion is most distal to the second hole in comparison to. Thus the independent claims are given their broadest reasonable interpretation herein. Similarly, the limitation "said liner bottom is adjacent said hole and distal from said receiving member bottom portion" is given its broadest reasonable interpretation because "distal" is not explicitly defined in the disclosure. As can be seen in Fig. 5 of Smith, there is a sizable gap between the liner bottom and the receiving member/bag bottom portion, whether the liner bottom is interpreted as the surface generally marked 2b in Fig. 2 or the space shown in Fig. 2 of Smith between the two film blanks marked 2b. Either way, the liner bottom is considered herein to be distal inasmuch as it is not abutting or adjacent the receiving member or bag bottom portion. It is noted herein that applicant refers to a marked up version of Fig. 2 of Smith attached, however, this figure was not available to the examiner at the time this action was written and mailed. Finally, the limitation "said liner bottom moves away from the third hole to a position most distal from the stoma and adjacent the bottom portion of said receiving member as the liner is filled" is given its broadest reasonable interpretation, as it is again unclear what the liner bottom final position is most distal in comparison to.

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Claim Objections

5. Claims 1-17 are objected to because of the following informalities: the phrases "said bag", "said receiving member" and "said receiving member bottom portion" present in some or all of independent claims 1, 7, 12 and 14 may lack antecedent basis, as those claims also recite "a receiving member or bag". It is suggested that applicant amend the claims to recite "said receiving member or bag "and "said receiving member or bag bottom portion". Appropriate correction is required. Claims 2-6, 8-11, 13 and 15-17 are objected to because they depend from any one of claims 1, 7, 12 and 14.

Claim Rejections - 35 USC § 103

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

- 6. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).
- Claims 1-4, 6-10 and 12-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Smith et al (U.S. Patent No. 5,591,144).

With respect to claim 1: The term" distal" and phrase "most distal" are not clearly and explicitly disclosed as it is unclear from the disclosure what the structural feature of concern is distal or

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most distal in comparison to. Thus, claim 1 is given its broadest reasonable interpretation herein. Smith teaches an ostomy appliance comprising: a base plate in the form of flange 3. said base plate having a first hole for receiving a stoma and an adhesive wafer in the form of adhesive layer 4 having a first surface to be attached to the wearer's abdomen, back, or chest (Fig. 5). A receiving member/bag 1 is releasably attached to the base plate 3 via double sided tape 12, said receiving member/bag 1 having a second hole for receiving wastes exiting the stoma and a bottom portion that is considered herein to be most distal from said second hole in that the bottom portion is at a point where it cannot extend any farther away from the second hole. (Fig. 2) A disposable inner bag liner 2 forms a second bag inside the receiving member 1 and is attachable to the base plate 3 in a first coupling area by a first coupling component. The disposable inner bag liner 2 has a third hole for receiving wastes exiting the stoma and the receiving member 1 is releasably attachable to the base plate 3 by a second coupling component. The first coupling component is in the form of a flange projecting from the rim of the third hole (indicated generally at item 2a in Fig. 2A) and having a surface for sealing via welding against a second surface of the base plate 3 facing away from the user. Inner bag liner 2 has folds along a plurality of folding lines such that said inner bag liner 2 is compacted lengthwise prior to use, said folds being provided between the third hole and a bottom of the inner liner so that, when the receiving member/bag is empty and in said compacted condition (as shown in Fig. 2 of Smith). The liner bottom is adjacent said third hole and distal from said receiving member/bag bottom portion, initial wastes exiting the stoma and pushing against said liner bottom as a result of gravity and the mass of the waste, causing said folds to unfold so that said liner bottom moves away from the third hole to a position most distal from the stoma and adjacent the bottom portion of said receiving member as the liner is filled due to physical force applied to the liner bottom from the flow of waste from the stoma. (Cols. 4 and 5, all lines)

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Smith teaches that inner bag liner 2 is welded to base plate 3 (first coupling component) and thus does not teach that the bag liner 2 is releasably attachable to the base plate 3 in a first coupling area by a first coupling component. However, Smith teaches that welding and double sided adhesive tape are equivalent means for attaching outer bag 1 to the base plate 3 and teaches that bag liner 2 is disposed of after a single use. Therefore, it would be obvious to one of ordinary skill in the art to modify the article of Smith such that bag liner 2 is releasably attachable to the base plate 3 in a first coupling area by a first coupling component, i.e. the adhesive flange projecting from the rim of said third hole, with a reasonable expectation of success to provide quicker releasable attachment of the disposable single-use bag liner 2. The first coupling component of the article fairly suggested by Smith has a surface for releasable sealing against a first surface of the adhesive wafer and is in the form of an adhesive flange.

With respect to **claim 2:** The second coupling component taught by Smith is in the form of an adhesive flange 12 of double sided adhesive tape projecting from the rim of the second hole and necessarily having a surface for adhesive sealing against the second surface of the base plate 3 opposite the surface adhered to the user. (Col. 4, lines 39-41)

With respect to claim 3: Smith does not teach that an outer diameter of the first coupling component is greater than an inner diameter of the second coupling component. However, increasing the length of said first coupling means (i.e. the flange in the marked Fig. 2A of Smith shown below) such that the outer diameter is greater than the inner diameter of second coupling means 12 would provide more surface area for adhesion of bag liner 2 to base plate 3, thus providing more securement for the receiving member/bag while in use as the flow of exudates applies force to the bag liner, preventing the bag liner 2 from becoming prematurely detached. It would be obvious to one of ordinary skill in the art to modify the article of Smith so as the

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lengthen the adhesive flange of bag liner 2 projecting from the rim of said third hole such that the outer diameter of the flange, i.e. the first coupling component, is greater than the inner diameter of second coupling component 12 to provide stronger securement of the bag liner to the base plate to prevent premature detachment of the bag liner during use.

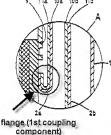


Figure 2A

With respect to **claim 4:** A peel strength of the adhesive sealing of the first coupling component taught by Smith is necessarily greater than a peel strength of the second coupling component, as Smith teaches double sided tape for the second component 12 (Col. 4, lines 39-41), which is a releasable means of coupling, whereas Smith teaches welding for the first coupling means (Col. 4, lines 33-35), which is a permanent mechanical attachment and thus has a greater peel strength.

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With respect to claim 6: The inner bag liner 2 taught by Smith is provided with a membrane in the form of discrete films laminated together that is permeable to flatus gases (Col. 3, lines 5,6) and thus allows intestinal gas to escape but is water-impermeable. (Col. 3, line 16)

With respect to claim 7: The term" distal" and phrase "most distal" are not clearly and explicitly disclosed, as it is unclear from the disclosure what the structural feature of concern is distal or most distal in comparison to. Thus, claim 7 is given its broadest reasonable interpretation. Smith teaches an ostomy appliance comprising an adhesive wafer in the form of adhesive flange 3. said adhesive wafer 3 having a first hole for receiving a stoma, said adhesive wafer 3 having a first surface to be attached to the wearer's abdomen (Smith refers to flatus gases, which are intestinal gases). A receiving member or bag 1 is attached to the adhesive wafer 3, said receiving member/bag 1 having a second hole for receiving wastes exiting the stoma and a bottom portion that is considered herein to be most distal from said second hole in that the bottom portion is at a point where it cannot extend any farther away from the second hole. (Fig. 2) A disposable inner bag liner 2 forms a second bag inside the receiving member, said disposable inner bag liner 2 having a third hole for receiving wastes exiting the stoma and is attachable to the wafer by a first coupling component. The first coupling component is the form of a flange projecting from the rim of the third hole and has a surface for sealing against a first surface of the adhesive wafer 3 inasmuch as Smith teaches that the bag liner 2 is welded to the wafer 3 and has a first surface for sealing against a first surface of the adhesive wafer. Inner bag liner 2 has folds along folding lines such that said inner bag liner 2 is compacted lengthwise prior to use, said folds being provided between the third hole and a bottom of the inner liner so that, when the bag liner 2 is empty and in said compacted condition, said liner bottom is adjacent said third hole and distal from said receiving member/bag bottom portion, initial wastes

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exiting the stoma pushing against said liner bottom and causing the folds to unfold so that said liner bottom moves away from the third hole to a position most distal from the stoma and adjacent the bottom portion of said receiving member/bag 1 as the liner is filled due to physical forces applied to the bottom of the bag from the flow of waste. (Cols. 4 and 5, all lines)

Smith teaches that inner bag liner 2 is welded to base plate 3 and thus does not teach that the bag liner 2 is releasably attachable to the base plate 3 in a first coupling area by a first coupling component. However, Smith teaches that welding and double sided adhesive tape are equivalent means for attaching outer bag 1 to the base plate 3 and teaches that bag liner 2, not outer receiving member/bag 1, is disposed of after a single use, therefore it would be obvious to one of ordinary skill in the art to modify the article of Smith such that bag liner 2 is releasably attachable to the base plate 3 in a first coupling area by a first coupling component, i.e. the adhesive flange projecting from the rim of said third hole with a reasonable expectation of success to provide quicker releasable attachment of the disposable single-use bag liner 2. The first coupling component of the article fairly suggested by Smith has a surface for releasable sealing against a first surface of the adhesive wafer and thus comprises an adhesive flange.

With respect to claim 8: Smith teaches that the inner bag liner when compacted lengthwise forms a disc-like structure having an outer diameter. (Figs. 2,4) Examiner's position regarding whether the structure is disc-like is based upon the fact that the structure is generally circular and flat. However, Smith does not teach that the outer diameter of the disc-like structure is less than the inner diameter of the first coupling component. However, this is achieved by merely changing the placement of the folds. Since the bag liner 2 is limited by its own size and the size of the outer receiving member/bag 1, there are only a finite number of fold placements that can be achieved such that the liner meets the remaining claim limitations and still fits within the

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receiving member/bag. Further, Smith teaches that bag liner 2 is disposable. The task of disposal of bag liner 2 would be made easier by a compacted bag liner 2 whose outer diameter when compacted is less than the inner diameter of the first coupling component and the third hole. This would mean that the bag liner 2 is unobstructed, and this configuration would facilitate easy grasping and pulling of the bag liner 2 out of the outer bag 1 for disposal. It would thus be obvious to one of ordinary skill in the art to modify the article of Smith such that the outer diameter of the disc-like structure of bag liner 2 when compacted has an outer diameter that is less than the inner diameter of said first coupling component so as to provide an unobstructed path for removal and disposal of a used bag liner 2.

With respect to **claim 9:** The folding of said liner 2 taught by Smith along said folding lines located generally at the flange of the bag liner attaching to the base plate forms a bellows. (Fig. 2)

With respect to **claim 10:** The folding of said liner 2 taught by Smith along said folding lines results in lengthwise compaction of the bag liner 2, thus necessarily forming a telescopic bellows, as the receiving member/bag 1 that it is compacted inside of unfolds lengthwise as well. (Figs. 2, 5, 6)

With respect to claim 12: The term" distal" and phrase "most distal" are not clearly and explicitly disclosed, as it is unclear from the disclosure what the structural feature of concern is distal or most distal in comparison to. Thus, claim 12 is given its broadest reasonable interpretation.

Smith teaches a disposable inner bag liner 2 having an open end for receiving effluents or waste products of the body and for use together with an ostomy appliance having an adhesive

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wafer in the form of adhesive flange 3 to be attached to the wearer's abdomen. Examiner's position is based upon Smith's teaching of flatus gases, which are intestinal gases. A receiving member /bag 1 has a receiving member hole for receiving wastes exiting the stoma. The disposable inner bag liner 2 comprises a liner hole in said open end for receiving wastes exiting the stoma, and has a closed end capable of forming a bag inside receiving member/bag 1. A flange projects from the rim of the liner hole (Fig. 2A) and has a surface for sealing against a first surface of the adhesive wafer 3 inasmuch as Smith teaches that the bag liner 2 is welded to the adhesive flange 3. Inner bag liner 2 has folds along a plurality of folding lines such that said inner bag liner 2 is compacted lengthwise prior to use, said folds being provided between the liner hole and a bottom of the inner bag liner so that, when the receiving member/bag 1 is empty and in said compacted condition, said liner bottom is adjacent said liner hole and distal from said receiving member/bag bottom portion, and initial wastes exiting the stoma push against said liner bottom. With regard to the limitation "causing said folds to unfold so that said liner bottom moves away from the liner hole to a position most distal from the stoma and adjacent the bottom portion of said receiving member/bag as the liner is filled" such limitation constitutes functional language that is given little patentable weight herein. The folds taught by Smith necessarily unfold in the claimed manner due to associated physical forces applied to the bottom of the bag from the flow of waste to move the liner bottom away from the liner hole. (Cols. 4 and 5, all lines)

Smith teaches that inner bag liner 2 is welded to base plate 3 and thus does not teach an adhesive flange that projects from the rim of the liner hole. However, Smith teaches that welding and double sided adhesive tape are equivalent means for attaching outer receiving member/bag 1 to the base plate 3 and teaches that bag liner 2, not outer receiving member/bag 1. is disposed of after a single use, therefore it would be obvious to one of ordinary skill in the

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art to modify the article of Smith such that an adhesive flange projects from the rim of said third hole with a reasonable expectation of success to provide quicker releasable attachment of the disposable single-use bag liner 2. The article fairly suggested by Smith thus discloses a surface for releasable sealing against a first surface of the adhesive wafer and thus comprises an adhesive flange that projects from the rim of the liner hole.

With respect to claim 13: The inner bag liner 2 taught by Smith is provided with a membrane comprised of water-impermeable material such as polyvinyl alcohol, which inherently and necessarily allows intestinal gas to escape but is impermeable to liquids, as polyvinyl alcohol film is only gas-permeable.

With respect to claim 14: The term" distal" and phrase "most distal" are not clearly and explicitly disclosed, as it is unclear from the disclosure what the structural feature of concern is distal or most distal in comparison to. Thus, claim 14 is given its broadest reasonable interpretation herein. Smith teaches a method of applying to an ostomate an ostomy appliance comprising a base plate in the form of flange 3, said base plate having a first hole for receiving a stoma and an adhesive wafer in the form of adhesive layer 4 having a first surface to be attached to the wearer's abdomen. Examiner's position is based upon Smith's teaching of flatus gases, which are intestinal gases. A receiving member in the form of receiving member/bag 1 is releasably attachable to the base plate 3 via double sided tape 12, said receiving member/bag 1 having a second hole for receiving wastes exiting the stoma and a bottom portion that is considered herein to be most distal from said second hole in that the bottom portion is at a point where it cannot extend any farther away from the second hole. (Fig. 2) A disposable inner bag liner 2 forms a second bag inside the receiving member 1 and is releasably attachable to the base

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plate 3. The disposable inner bag liner 2 has a third hole for receiving wastes exiting the stoma. Inner bag liner 2 has folds along a plurality of folding lines to form a disc-like structure such that said inner bag liner 2 is compacted lengthwise prior to use. The folds are provided between the third hole and a bottom of the inner liner so that, when the receiving member/bag 1 is empty and in said compacted condition, said liner bottom is adjacent said third hole and distal from said receiving member/bag bottom portion, initial wastes exiting the stoma push against said bag liner bottom. With regard to the limitation "causing said folds to unfold so that said liner bottom moves away from the liner hole to a position most distal from the stoma and adjacent the bottom portion of said receiving member/bag as the liner is filled" such limitation constitutes functional language that is given little patentable weight herein. The folds taught by Smith necessarily unfold in the claimed manner due to associated physical forces applied to the bottom of the bag from the flow of waste to move the liner bottom away from the third hole to said most distal position. A disposable inner bag liner 2 forms a second bag inside the receiving member 1 and is attachable to the base plate 3 in a first coupling area by a first coupling component. The disposable inner bag liner 2 has a third hole for receiving wastes exiting the stoma and the receiving member 1 is releasably attachable to the base plate 3 by a second coupling component. The first coupling component is in the form of a flange projecting from the rim of the third hole (indicated generally at item 2a in Fig. 2A) and having a surface for sealing via welding against a second surface of the base plate 3 facing away from the user. Smith teaches the steps of locating the stoma and applying the base plate and locating the inner bag liner. (Figs. 5,6) The step of attaching the receiving member 1 to the base plate is accomplished by the welding of bag liner 2 to base plate 3, as the first coupling area as disclosed includes said base plate 3 (see applicant's Abstract), (Cols. 4 and 5, all lines)

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Smith teaches that inner bag liner 2 is welded to base plate 3 and thus does not teach that the bag liner 2 is releasably attachable to the base plate 3 in a first coupling area by a first coupling component. However, Smith teaches that welding and double sided adhesive tape are equivalent means for attaching outer bag 1 to the base plate 3 and teaches that bag liner 2, not outer receiving member/bag 1, is disposed of after a single use, therefore it would be obvious to one of ordinary skill in the art to modify the article of Smith such that bag liner 2 is releasably attachable to the base plate 3 in a first coupling area by a first coupling component, i.e. the adhesive flange projecting from the rim of said third hole with a reasonable expectation of success to provide quicker releasable attachment of the disposable single-use bag liner 2.

Smith teaches a release liner 5 protecting adhesive layer 4. Smith does not explicitly teach the step of removing a release liner covering said first coupling component. However, since Smith fairly suggests an adhesive first coupling component that comprises double sided tape for reasons stated *supra* in this rejection, and it is well known in the art to provide a release liner to protect an adhesive layer from contamination that is removed just prior to use. Thus, it would be obvious to one of ordinary skill in the art to modify the method fairly suggested by Smith wherein the first coupling component is double sided adhesive tape, to include the step of removing a release liner covering said adhesive first coupling component with a reasonable expectation of success as the step of removing the liner implies the existence of such liner which prevents contamination of the adhesive first coupling component suggested by Smith.

 Claim 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over Smith et al (U.S. Patent No. 5.591.144) in view of Wolrich (U.S. Patent No. 5.423.782).

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With respect to Claim 5: An outer diameter of the first coupling component of Smith (the adhesive flange extending from the rim of said third hole) is smaller than an inner diameter of the second coupling component 12.

Smith does not teach that the second coupling component is in the form of one or more coupling rings. Wolrich teaches an ostomy bag having a receiving member in the form of an outer bag and an inner bag liner. Wolrich teaches a second coupling component as disclosed in the form of coupling means 18 comprised of a ring-shaped flange coupling 18 that mates with ring 34, i.e. one or more coupling rings. As can be seen in Fig. 1, the outer diameter of first coupling means 46 is less than the inner diameter of first coupling means 46. ('782, Col. 5, lines 10-20) Since the structure of the articles of Smith and Wolrich are substantially identical and seek to solve a similar problem in the art (i.e. provide an ostomy waste collector having a bag and an inner liner attachable to a stoma to collect waste therefrom), it would be obvious to one of ordinary skill in the art to modify the article of Smith such that the instant second coupling means (double sided tape) is replaced by the second coupling component of Wolrich to maintain the ability of the article of Smith to releasably attach to a stoma for waste collection and easier disposal.

Allowable Subject Matter

9. The objection to claims 11 and 15-17 as being dependent upon a rejected base claim, but allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims, is maintained. The reasons for indicating allowable subject matter can be found in the final action mailed November 29, 2007.

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Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MELANIE J. HAND whose telephone number is (571)272-6464. The examiner can normally be reached on Mon-Thurs 8:00-5:30, alternate Fridays 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tatyana Zalukaeva can be reached on 571-272-1115. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Melanie J Hand/ Examiner, Art Unit 3761